

IN THE SPECIFICATION:

Please replace paragraph [0010] with the following replacement paragraph:

**[0010]** In an embodiment of the invention, availability of said predetermined network element related to the current IP address is checked. The predetermined network element is such that it ~~responses~~ responds only if the computer device is located in the network in which it is assumed to be on the basis of the current IP address. If the predetermined network element ~~responses~~ responds and identifies itself properly, the current location determined based on the current IP address is considered to be verified. Otherwise it is determined that the current IP address fails to indicate current location of the computer device. The additional verification process even makes it possible to automatically create a secured tunnel, such as a VPN tunnel to a home network even if the computer device uses the same IP address in the current location as in the internal (home) network.

Please replace paragraph [0026] with the following replacement paragraph:

**[0026]** In an embodiment of the invention, availability of said predetermined network element related to the current IP address is checked. The predetermined network element is such that it ~~responses~~ responds only if the computer device is located in the network in which it is assumed to be on the basis of the current IP address. If the predetermined network element ~~responses~~ responds and identifies itself properly, the current location determined based on the current IP address is considered to be verified. Otherwise the computer device determines that the current IP address fails to indicate the current location of the computer device. The additional verification process even makes it possible to automatically create a secured tunnel, such as a VPN tunnel to a home network even if the computer device uses the same IP address in the current location as in the internal (home) network.